



Advanced Exterior Sealant

A high quality AST polymer based sealant & adhesive. First choice of both professional and DIY users for everyday sealing and flexible bonding requirements.

Advantages:

- High quality durable filling and adhesion capability,
- Does not contain solvent, silicone or isocyanate,
- Very Low VOC content,
- No bubble formation, even in wet and humid conditions,
- Very good UV resistance
- Over-paintable with water based paints,
- No shrinkage
- Primerless adhesion on many different substrates (preliminary test recommended)

Usage Areas:

- Connection joints in sheet metal fabrication, sealing of air conditioning systems.
- Elastic bonding in vibrating constructions
- Sealing of floor joints and low movement wall joints
- Sealing joints in containers, cisterns, silos etc.

How to use:

- Before the application, the tip of the cartridges is cut and a plastic cap is fixed.

- The tip of the cap is cut according to the width of the surface and fixed to the cartridge gun.
- The sausage package is cut from one edge and fixed to a suitable gun. Then the cap nut is screwed to the cylinder of the gun.
- The joints should be filled at one time and without gaps during the application.
- The surface of sealant applied in the joints should be smoothed with a dampened spatula, glazing tool, joint iron or by hand immediately.
- If used, the adhesive tape should be removed afterwards.
- The opened packages should be consumed as quickly as possible.
- The contaminated areas and used tools should be cleaned with white spirit or alcohol.
- It is cleaned only mechanically after cured.
- Joint width/depth ratio should be 2:1.

Consumption (approx.):

Width	Depth	Efficiency / 9,8 oz
0,4 inch	0,2 inch	18 feet
0,6 inch	0,3 inch	6,6 feet
0,8 inch	0,4 inch	4,9 feet
1,0 inch	0,5 inch	3,3 feet
1,2 inch	0,6 inch	2 feet



Surface Preparation:

Following cleaning procedure and materials are recommended:

Glass	Degrease with alcohol or MEK
Aluminium, light alloys and stainless steel	Degrease with alcohol or MEK
Other Metals	Lightly abrade then degrease as above
Wood	Lightly abrade surface then remove dust
Plastics	Degrease using an agent recommended by plastics manufacturer
Concrete and other alkaline Surfaces	Brush and remove dust

Standards:

Meets or exceeds the requirements of the following specifications:

- The requirements of VOC content specifications in LEED credit EQc4.1
- "Low-emitting products" of SCAQMD rule 1168.
- The French VOC requirements for class A+
- CE marked for EN 15651 for façade & glazing applications (DOP NO: 2016-0007)

Limitations:

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- It can be applied to a variety of substrates directly. If not sure, we recommend a preliminary compatibility test.

Safety:

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.

Shelf Life:

- They should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden pallets at between +50°F and +77°F in moisture free conditions.
- The opened products should be consumed immediately.
- Shelf life is maximum 12 months conditional to complying with the aforementioned storage conditions.

Packaging (Weight/Volume):

9,8 oz (Black, White, Grey). 12pcs in a box.



Physical & Chemical Properties:

Chemical Base: AST Polymer

Curing System: Moisture

Density: 1.37 ± 0.03 gr/ml

Appearance: Thixotropic Paste

Tack Free: Approx. 50 min (73°F and %50 R.H.)

Curing Rate: Approx. 0,1 in / 24 hr (73°F and %50 R.H.)

Sagging (ISO 7390): 0 inch

E100 Modulus (ISO 8339): < 58 PSI

Shore A Hardness (ISO 868): 45 \pm 5

Elongation at Break \geq 120% (ISO 37)

Volume Loss: < 3% (73°F and %50 R.H.)

Tensile Strength (ISO 37): 218 – 290 PSI

Service Temperature: -40°F and +194°F

Application Temperature: +41°F and +104°F